QUALITAIR

QLC
LOW TEMPERATURE
CASSETTE RANGE

- Air conditioning style combined with lower temperature control.
- Stylish split system.
- R407c or R404a system.
- Controls down to 8°C.
- Low velocity four way air distribution.
- Wipe clean low profile fascia.
- Easy access for maintenance.
- Electric heater (optional).

Qualitair is maintaining the tradition of listening to the industry and developing products in conjunction with specifiers and installers.

The EEC directives and legislation on food preparation and storage are many and difficult to understand.

However, we do know that certain food preparation areas should be maintained at lower temperatures than can be achieved with standard air conditioning. These are the areas the Qualitair QLC low temperature cassette was specifically designed for.

Whatever the directive or legislation the QLC will control your environment to between 8°C and 21°C depending on the set point chosen.

The QLC provides low velocity air when compared with traditional coolers and it also has the benefit of four way air distribution ensuring an even temperature in the working area.

The Qualitair ICU outdoor unit has a small footprint and can be installed on the roof, at ground level, or with brackets, on the wall. The units can also be stacked if required.

Rotary compressor fitted on the ICU40 model and scroll compressors on the other units in the range ensure low noise levels, reduced starting currents and increased reliability.

QLC RANGE
Food Preparation & Storage

TECHNICAL SPECIFICATIONS

QLC (indoor unit), ICU (outdoor unit) capacities and dimension data

Model	Capacity		Airflow m^3/s	Weight kg	QLC Fascia and ICU Dimensions mm			Valve Connections	
	kW	Btu/hr			A	B	C	Suction o/d	Liquid o/d
QLC10	2.93	10000	0.31	59	1245	650	60	5/8"	1/4"
ICU40			0.45	42	720	610	250	5/8"	1/4"
QLC15	4.40	15000	0.54	83	1245	850	60	5/8"	1/4"
ICU55			0.45	60	800	765	320	5/8"	1/4"
QLC20	5.95	20300	0.56	83	1245	850	60	3/4"	3/8"
ICU80			0.70	64	800	765	320	3/4"	3/8"

Cooling capacities based on 12°C 75% RH indoors and 35°C db ambient outdoors.

Electrical data

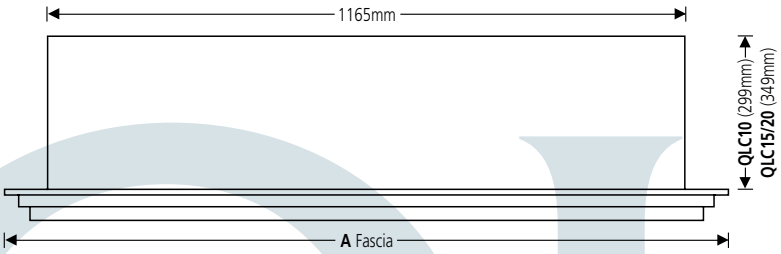
Model		Electrical Supply					
Indoor	Outdoor	V/ph/Hz	Lrc	Flc	Fuse	Heater Current	Heater Fuse
QLC10	ICU40	230/1/50	28	7.5	10	12	16
QLC15	ICU55	230/1/50	53	12	16	17	20
QLC20	ICU80	230/1/50	82	16.5	20	17	20
QLC20	ICU80	400/3/50	33/ph	6.7/ph	10/ph	6/ph	10/ph

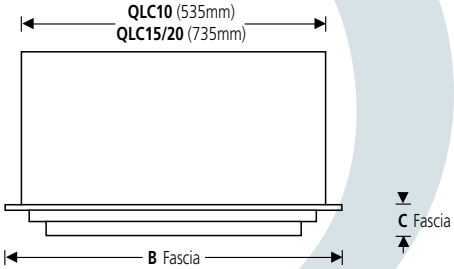
QLC OPTIONS

- Heater Kit
- Fresh Air Kit
- Decorative Surround
- Condensate Lift Pump
- Electrical Isolator
- Wall Mounting Kit
- BMS Interface
- Operation with PACS

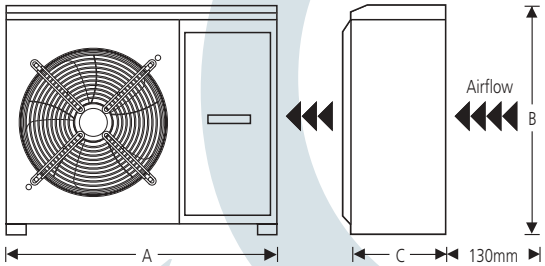
Full technical data sheets available with options part numbers.

QLC10/15/20 ceiling cassette





ICU outdoor unit



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We reserve the right to alter specifications without notice and products will sometimes be supplied with modifications which do not strictly comply with the descriptions and illustrations in this publication.

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